

N E W M I L L S U R B A N

D I S T R I C T C O U N C I L

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A N N U A L

R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the year 1944.

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Town Hall,
NEW MILLS.

September 1945.

NEW MILLS URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the Year 1944.

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Medical Officer of Health:

R.H. TITCOMBE, M.D., Ch.B., D.P.H. (Vict).

Surveyor and Sanitary Inspector:

C. WALTON.

Meat Inspector:

C.E. HALL, M.R.C.V.S.

=====

DISLEY,

September 1945.

To the Chairman and Members of the:
New Mills Urban District Council.

Gentlemen,

I have pleasure in submitting my report for the year 1944:-

SECTION A - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) - 5,242.

Registrar General's estimate of residential population mid-year
1944 - 7,644.

THE UNIVERSITY OF CHICAGO

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Number of inhabited houses (end of 1944)	-	2,600.
Rateable Value	-	£44,270.
Sum represented by a penny rate	-	£173

The chief occupations of the inhabitants are textile, weaving and calico printing, paper making, metal working and confectionery.

Extracts from Vital Statistics of the Year.

	<u>Total:</u>	<u>M.</u>	<u>F.</u>
Live Births (Legitimate.....)	136	77	59
(Illegitimate.....)	5	3	2
Birth rate per 1,000 of estimated resident population (mid 1944)	-18.446.		
	<u>Total:</u>	<u>M:</u>	<u>F:</u>
Still Births (Legitimate.....)	7	2	5
(Illegitimate.....)	1	0	1
Rate per 1,000 total (live and still) births.....	53.691.		

DEATHS.

Death Rate per 1,000 of estimated population.....	12.036
Deaths from Puerperal Causes.....	0
Rate per 1,000 total (live and still) Births.....	0

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All infants per 1,000 live births.....	63.829
Legitimate infants per 1,000 legitimate live births.....	58.823
Illegitimate infants per 1,000 illegitimate live births....	200
Deaths from Cancer (all ages).....	13
Deaths from Measles (all ages).....	0
Deaths from Whooping Cough (all ages).....	0
Deaths from Diarrhoea (under 2 years of age).....	1

A comparison of the above figures with last year (1943) shows a lower estimated population (as against 7,757 in 1943). The birth rate is higher (as against 17.790) and the death rate lower (as against 15.212). The death rate of infants under one year is also lower (as against 65.217 in 1943) but still high compared with that of the whole country (46.0).

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THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

ON THE KINETICS OF THE REACTION OF HYDROGEN PEROXIDE WITH
SODIUM HYDROGEN SULFATE

BY

JOHN H. COLEMAN
AND
JAMES H. COLEMAN
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS

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SECTION B - GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Laboratory facilities are available at the Laboratories of the Derbyshire County Council at Derby.

AMBULANCE FACILITIES.

Infectious Diseases.

One Ambulance provided by the Isolation Hospital at Chinley.

Non-Infectious Cases and Maternity Cases.

Two Ambulance vehicles and one driver maintained by Voluntary Public Subscriptions.

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SECTION C - SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

(1) The quantity has been sufficient. There is need for improvement in the quality, the results of analyses pointing to some failure in filtration at Ball Beard and contamination occurring during the distribution both from the Ball Beard and Lowleighton supplies, presumably from ball hydrants.

(2) Samples for bacteriological examination were taken on six occasions, and on four of these occasions samples for chemical examination were also taken. (Tables of results are appended). From the results of these examinations, it is evident that the filters of the Ball Beard supply failed to function adequately on three occasions during both wet and dry weather, but especially so during a wet period (18.10.44). They also show that when results were good at the outlet of the Filters, the supply which reached the consumers, both from Ball Beard (18.12.44) and Lowleighton (18.10.44 and 18.12.44) was **unsatisfactory**.

The chemical results were good with certain exceptions, notably the samples taken at Ball Beard (18.10.44 and 18.12.44) but also show on the whole, that the water was too hard, the supply from Moorlands giving the best results in this respect. This supply is, however, affected by the inclusion in it of a harder water pumped from the Ball Beard supply. The adoption of a softening process is strongly indicated.

(3) The Soda-Ash process is applied to both Ball Beard and Lowleighton but not to Moorlands. As already mentioned the last named supply is augmented by inclusion of water from the Ball Beard supply, especially during dry periods. Lead has not been found in any of the samples examined chemically, but the action on lead (after exposure for 24 hours) is shown in the tables.

(4) Chlorination is carried out on both Ball Beard and Lowleighton supplies. The process has unfortunately, at times, been inoperable because of breakdowns which could not be readily repaired during war conditions.

(5) 89% of the dwelling houses and 89% of the population of the district are supplied with water direct to each house. There are no stand-pipes.

DRAINAGE AND SEWAGE.

No alterations or extensions have taken place during the year.

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TABLE OF RESULTS OF BACTERIOLOGICAL EXAMINATIONS
OF WATER DURING THE YEAR 1944.

X = Satisfactory; — = Unsatisfactory

according to the standards recommended
by the Ministry of Health.

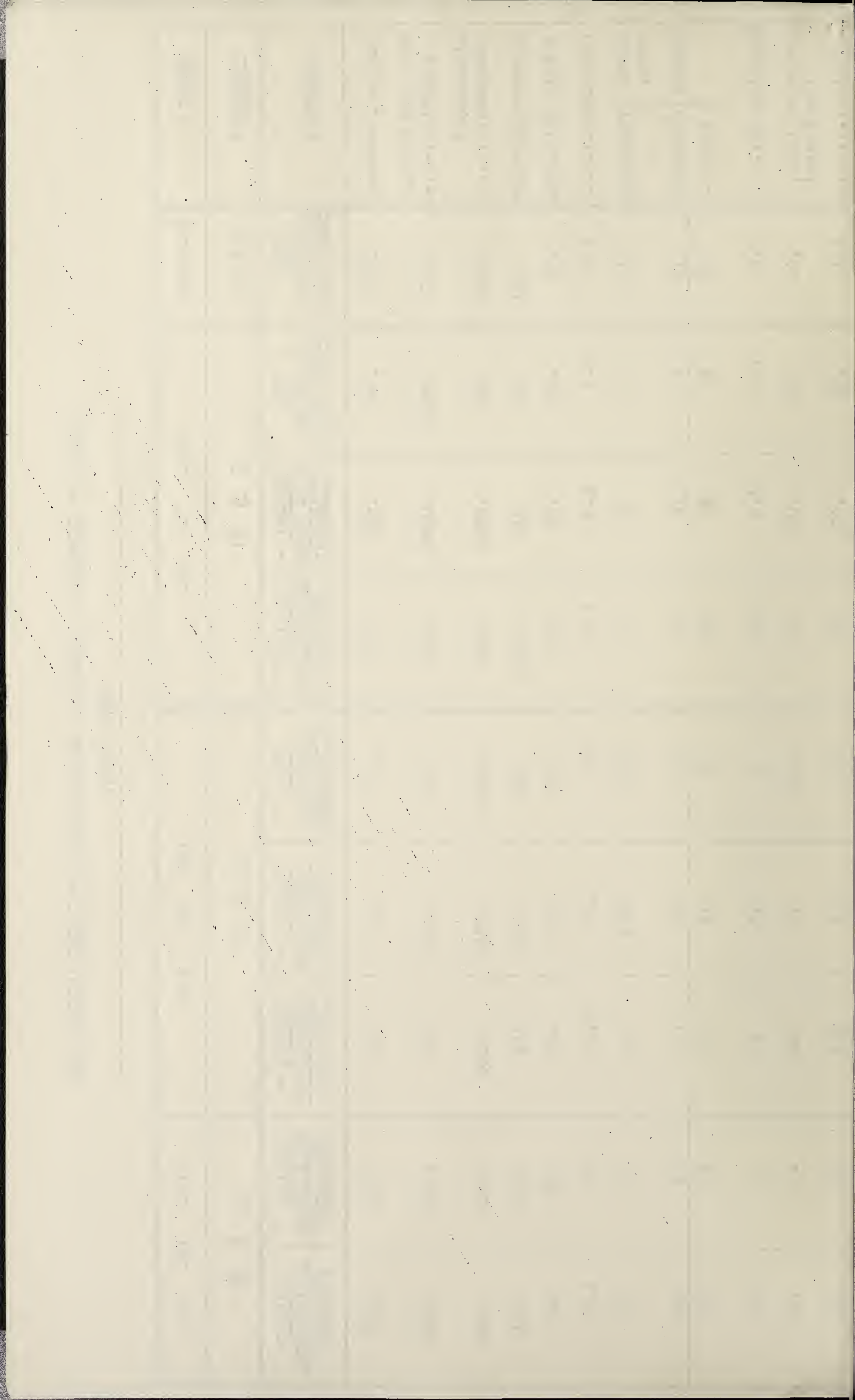
McCrady figures for probable number of coli-organisms per 100 c.c.
of Water shown in brackets ().

Date:	31.1.44	22.3.44	18.5.44	20.7.44	18.10.44	18.12.44
Weather conditions before sampling:	Wet	Dry	Dry	Dry	Wet	Wet
<u>BALL BEARD SUPPLY:</u>						
Ball Beard Filters:						
Inlet.....		(0) X			(170)	(1)
Outlet.....	(0) X	(0) X	(5)	(13)	(170)	(0) X
68, Buxton Road.....	(1) X	(0) X	(5)		(110)	(8)
<u>LOWLEIGHTON SUPPLY:</u>						
Lowleighton Filters:						
Inlet.....		(0) X			(45)	(80)
Outlet.....	(0) X	(0) X	(0) X	(0) X	(0) X	(0) X
Hague Bar School.....	(0) X	(0) X	(0) X		(13)	(5)
Hague Bar Road.....				(0) X		
<u>MOORLANDS SUPPLY:</u>						
Crescent, Birch Vale..		(0) X			(0) X	(1)

TABLES OF RESULTS OF CHEMICAL EXAMINATIONS OF WATER DURING THE

YEAR 1944.

Date:	19.5.44	21. 7. 44.				18. 10. 44.				18. 12. 44.			
Weather:	W E T:	D R Y:				W E T:				W E T:			
Address:	The Crescent, Birch Vale:	The Crescent, Birch Vale:	Outlet - Ball Beard Filters:	Outlet - Lowleighton Filters:	The Crescent, Birch Vale:	Outlet - Ball Beard Filters:	Outlet - Lowleighton Filters:	Outlet - Ball Beard Filters:	Outlet - Lowleighton Filters:				
Oxygen Absorbed.	.000	.084	.092	.040	.04	.27	.01	.203	.043				
Free and Saline Ammonia.....	.0000	.0008	.0022	.0008	.0004	.0018	Nil	.0018	.0020				
Albuminoid Ammonia.....	.0040	.009	.0110	.0042	.0042	.0154	.0034	.0030	.0056				
Nitrous Nitrogen	Nil	Nil	Nil	a trace	Nil	Nil	Nil	Nil	Nil				
Nitric Nitrogen.	.02	.06	.05	.04	.07	.04	.06	.05	.06				
Chlorides.....	1.7	1.5	1.5	1.6	1.4	1.5	1.8	1.5	1.7				
Hard- (Temporary ness, (10	6	8	8	Nil	Nil	8	5	9				
Clarkes (Permanent (Total...	15	14	16	16	14	12	16	12	15				
Reaction pH.....	25	20	24	24	14	12	24	17	24				
Action on Lead... (24 hours)	.02	.07	.05	.04	.22	.2	.14	.12	.06				
Metals.....	Nil	.01	.01	Nil	Nil	Nil	Nil	Nil	Nil				



RIVERS AND STREAMS.

Pollution is controlled by the appropriate Authorities.

SWIMMING BATHS AND POOLS.

There are no Swimming Baths in the area.

CLOSET ACCOMMODATION.

Number of closets of each type remaining at the end of the year 1944:-

Water Closets.....	1,344
Waste Water Closets.....	519
Fail Closets.....	36
Privvy-middens.....	26

SANITARY INSPECTOR'S REPORT.

SANITARY INSPECTION OF THE AREA.

The Sanitary Inspector's Report is appended.

- (a) 671 inspections were made of dairies, houses, slaughter-houses, sanitary arrangements, water supplies etc.
- (b) 77 informal Notices were served.
- (c) 529 nuisances were abated with or without Notices.

SCHOOLS.

The Sanitary condition of the Schools was satisfactory.

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SECTION D - HOUSING.

This is in abeyance.

ADMINISTRATION OF FACTORIES ACT, 1937.

Various inspections have been made during the year.

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SECTION E - INSPECTION AND SUPERVISION OF FOOD.

42 milk samples were taken for Bacteriological examination for Tubercle Bacilli. 2 samples contained Tubercle Bacilli and as a result of this sampling, 2 cows were slaughtered under the Tuberculosis Order, 1925.

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MEAT AND OTHER FOOD.

The Meat Inspector reports as follows:-

During the year, the following carcasses were killed in the Slaughterhouse at New Mills.

	<u>Cattle</u> <u>including</u> <u>Cows:</u>	<u>Calves:</u>	<u>Sheep</u> <u>and</u> <u>Lambs:</u>	<u>Pigs:</u>
Number killed.....	3,193	84	3,118	65
Number inspected.....	3,193	84	3,118	65
<u>TUBERCULOSIS:</u>				
Whole carcasses condemned...	159			
Carcasses of which some part or organ was condemned....	1,070			
Percentage of the number inspected infected with Tuberculosis.....	38.5			

All the above carcasses were examined at the Co-operative Slaughterhouse, New Mills, some by Mr. C.F. Hall, M.R.C.V.S., the Meat Inspector for the Council and others by Meat Inspectors for other districts.

This slaughterhouse is the central slaughterhouse for the Rural District of Chapel-en-le-Frith, the Urban Districts of Whaley Bridge and New Mills and the Borough of Glossop.

The slaughterhouses, bakehouses etc. were duly inspected and 9 cwts. 1 lb. of various foods were condemned by the Sanitary Inspector.

SECTION F - PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

There have been only 42 cases of notifiable Infectious Diseases during the year, including 19 cases of Measles, 7 cases of pneumonia and 10 cases of Scarlet Fever. There have been no cases of Diphtheria: there were also no cases in 1943 but it would be unsafe to presume that this good record can be continued unless a larger number of children, especially of the 1 to 5 years of age, are immunised each year.

Diphtheria Immunisation,

During the year, 68 children under 5 years of age were immunised and 52 children between the ages of 5 and 15; a total of 120 of all ages.

It was estimated that on December 31st, 1944, 31.96% of the children under 5 years of age; and 93.76% of those over 5 had been immunised.

It is still clearly necessary to impress on parents in the district, the desirability of immunisation in the early pre-school years and efforts are still being made to effect an improvement. The service is free to the community and immunisations are carried out at the High Lea Hall Clinic every second Tuesday in the month and by the Medical Practitioners in the district.

SCABIES AND PEDICULOSIS.

The incidence of Scabies appears to have diminished, as there have been fewer applicants for Benzylis Benzoate kept at the Town Hall for purposes of treatment.

The Scabies Centre at Lowleighton is now completed and is available for treatment if cases again become numerous.

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NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)
DURING THE YEAR 1944.

Disease:	<u>No. of cases notified:</u>	<u>Removed to Hospital:</u>	<u>Total Deaths:</u>
Scarlet Fever.	10	3	
Diphtheria	0	0	
Puerperal Pyrexia.	1	1	
Cerebro-Spinal Fever	1	1	
Erysipelas	1	0	
Ophthalmia Neonatorum.	1	0	
Pneumonia.	7	0	1
Measles.	16	0	
Whooping Cough	4	0	
Malaria.	1	0	

CASES OF NOTIFIABLE DISEASES AT
VARYING AGES DURING 1944.

<u>Disease:</u>	<u>Under one year:</u>	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	60-	<u>Total:</u>
Scarlet Fever.....			1			6	2		1				10
Diphtheria.....													0
Puerperal Pyrexia.....										1			1
Cerebro-spinal Fever..										1			1
Erysipelas.....												1	1
Ophthalmia Neonatorum.	1												1
Pneumonia.....								1	2	1	3		7
Measles.....	2	3	1	4		5			1				16
Whooping Cough.....		1	1	1	1								4
Malaria.....											1		1

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1944.

<u>A G E</u> <u>P E R I O D S</u>	<u>New Cases</u>				<u>Deaths</u>			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0.								
1.								
5.								
15.						1		
25.		1	1					
35.		1						
45.	1	1			1	1		
55.								
65 and over								
Total	1	3	1		1	2		

There were no non-notified Tuberculosis deaths.

The death rate from Phthisis Pulmonalis was 0.39.

A comparison of the vital statistics with those of England and Wales is as follows:-

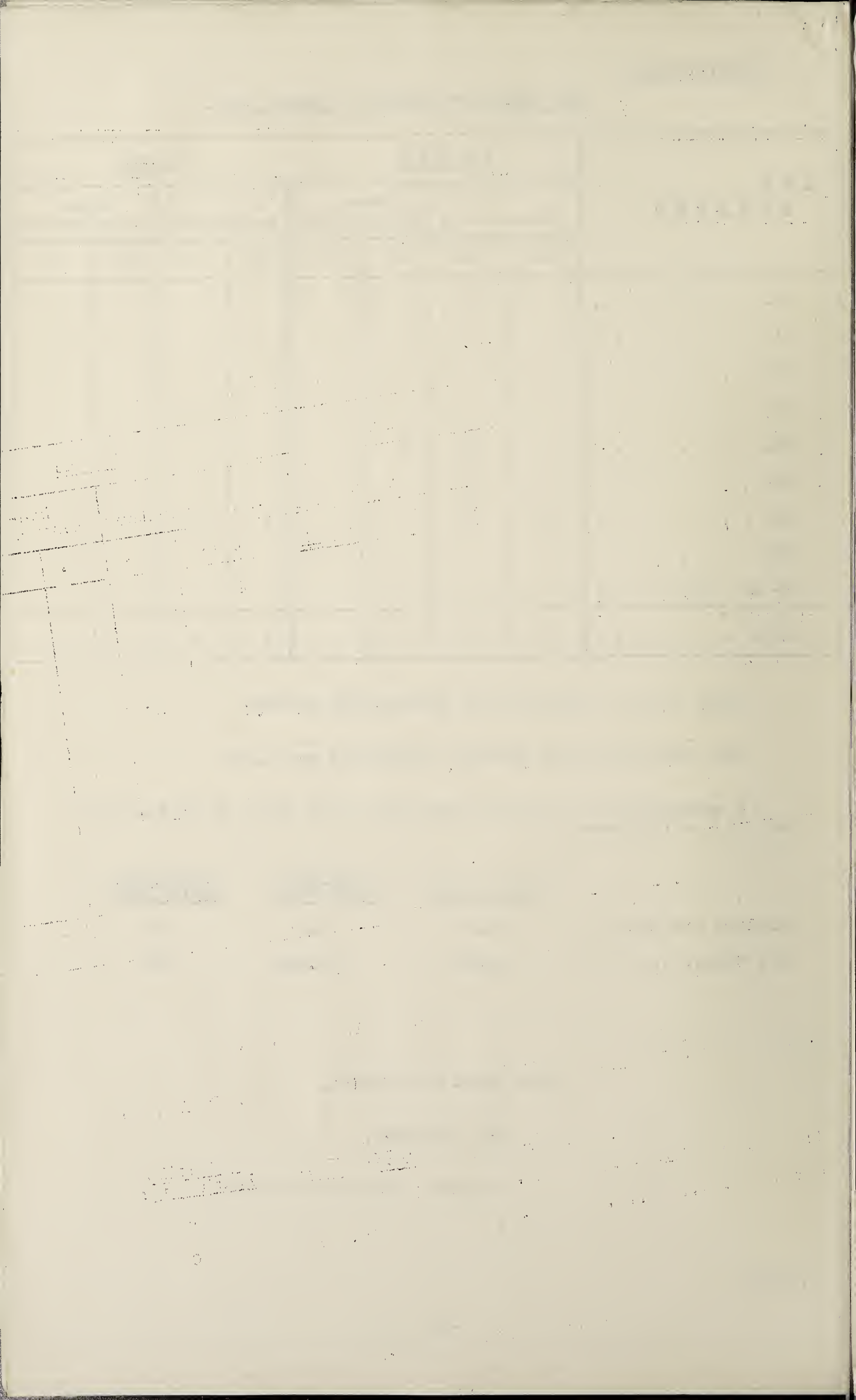
	<u>Birth Rate:</u>	<u>General Death Rate:</u>	<u>Infantile Death Rate:</u>
England and Wales....	17.6	11.6	46
New Mills.....	18.446	12.036	60

Your obedient Servant,

R.H. TITCOMBE,

Medical Officer of Health.

RHT/JR.



ANNUAL REPORT OF SANITARY INSPECTION.
New Mills Sanitary District, 1944.

Name of Inspector - C. WALTON.

Area of District. 5,204 acres.

Estimated number of Houses. 2,603.

New Houses erected 1944:-

(a) by Local Authority..... 0.

(b) by Private Enterprise..... 0.

	Number of Inspections made by Sanitary Inspector.	Number of Notices served		Number of Nuisances abated with or without Notice.
		Informal	Legal	
<u>CLOSETS AND ASHPITS.</u>				
Defective Privies, Pail Closets and Ashpits.....	9	3	-	9
Defective Water Closets.....	33	5	-	33
Provision of Additional Water Closets.....	9	-	-	7
Provision of Portable Ashbins.....	56	56	-	152
Dirty Closets.....	1	-	-	1
<u>DRAINAGE.</u>				
No disconnection of Waste Pipe.....)				
Defective Waste Pipe, Traps, Inlets and Drains.....)	5	1	-	5
Drains Obstructed.....)	241	7	-	171
<u>OTHER DEFECTS.</u>				
Roofs, Eaves-Spouts and Down-spouts.....	7	2	-	7
Water in Cellars.....	1	-	-	1
Water Supply.....	20	2	-	20
Smoke Nuisances.....	2	1	-	2
Nuisances not specified above.....	255	-	-	107
Totals.....	639	77	-	515

	Number on Register.	Inspections made.	Notices served.	Nuisances abated with or without Notices.
Dairies, Cowsheds and Milkshops.....	85	27	-	12
Bakehouses.....	13	1	-	-
Slaughterhouses.....	7	2	-	1
Offensive Trades.....	1	1	-	-
Common Lodging-houses.....	1	1	-	1
Totals.....	107	32	-	14

C. WALTON.

